



OVERVIEW OF DEVELOPMENT PARTNERS' ACTIVITIES IN THE ENERGY SECTOR

Agencies	Engagement	Status
<i>(i) Improving Operational Efficiency and Financial Viability</i>		
World Bank	Financial viability action plan for NEA	Recently Completed
	Institutional strengthening of the NEA for environmental and social management	Ongoing
	Least-cost generation planning	Ongoing
	Update of financial viability action plan for NEA	Ongoing
	Support to tariff-setting guidelines	Ongoing
	Strengthen procurement and project management in NEA	Planned
	Asset inventory and management of NEA	Ongoing
	NEA Integrated Financial Management System	Ongoing
ADB	TA 9266:REG- Improving institutional capacity on preparing energy efficiency investments	Ongoing
	TA 9267:REG- Promoting and Scaling Up Solar Photovoltaic Power through Knowledge Management and Pilot Testing in Bangladesh and Nepal	Ongoing
	TA 9334: NEP- Strengthening the Capacity of the Energy Sector to Deliver GESI <ul style="list-style-type: none"> Preparation of GESI strategy and guidelines for NEA and train NEA staffs in its application Preparation of social safeguard procedures and manual and train NEA staffs in its application Demonstration of Productive use of clean energy technologies and services by poor and vulnerable households in distribution sub sector 	Ongoing
ADB+ Government of Norway	Capacity development of NEA staff in new technology and utility management.	Ongoing
JICA	Adviser to NEA for hydropower planning	Ongoing
German Development Cooperation - GIZ	Institutionalization of energy efficiency in GoN system	Ongoing
	Energy efficiency and loss reduction in distribution system	Ongoing
	Energy efficiency and loss reduction in sub-national distribution systems	Planned
DFID + USAID	Support to NEA's Economic Analysis Division on tariff restructuring, cross-subsidies, interface with the ERC, and market expansion.	Ongoing
<i>(ii) Strengthening investment planning and project implementation</i>		
a. Generation		
ADB	Rehabilitation of Sundarijal Hydropower Project	Ongoing
	Viability Gap Funding for Promotion of large-Scale Solar Project (\$20 million grant from CIF/SREP)	Ongoing
	Project Preparatory TA grant to Government of Nepal for preparation of <ul style="list-style-type: none"> Dudh-Koshi Storage Hydro Power Project (635 MW) Lower Tanahu Hydro Power Project (100 MW) 	Ongoing
ADB+JICA+ EIB	Tanahu Storage Hydropower Project (140 MW)	Ongoing
Government of Norway	Panel of Experts for Dudh Koshi Storage Hydroelectric Project	Ongoing
Government of Norway+ IFC	Enhancing ability of private developers in investing bankable HPP	Ongoing
	Demonstration of Public private partnership project in hydropower	Ongoing
German Development Cooperation - GIZ	Private sector development for energy efficiency services (audits, energy management system, and so on)	Ongoing



Agencies	Engagement	Status
UNDP	RERL worked with AEPC to support SASEC project of ADB to promote mini hydro and solar mini grid sub-projects. Some of the major accomplishments are given below; <ul style="list-style-type: none"> 4 micro hydro interconnected with the grid and 2 micro hydro interconnected mini grid installed 3 mini hydropower project with total capacity of 780kW completed (400kW SASEC & 380kW AEPC) More than 7MW solar PV systems installed (funded by AEPC, KfW, UNESCAP, Korea & UNDP) More than 7MW micro hydro completed/rehabilitated with AEPC and GEF funding 	Recently completed
	Designed and operationalized financial instruments such as credit guarantee, vendor financing, vendor challenge fund, etc. at CREF/AEPC (w/UNCDF)	Recently completed
	Construction of 7 mini hydro with total capacity of 3.4MW	Ongoing
	Installation of 200kW solar mini grid	Ongoing
JICA	Data Collection Survey and Report Preparation for Development of Hydropower Project in Public-Private-Partnership (PPP) Model”	Ongoing
	Data Collection on the Transmission and Distribution Network Development in Nepal.	Ongoing
WB	River basin planning and sustainable hydropower development in a regional context	Ongoing
	Technical advice on preparation and implementation of large hydropower projects with regional impacts	Ongoing
	Economic and distributional impacts of hydropower development in Nepal	Planned
	Dam safety guidelines	Planned
	Grid Solar PV (25 MW)	Ongoing
	Preparation of the feasibility and Environmental and Social Impact Assessment with detailed design for the Arun Hub-Mirchaiya-Arun Hub-Basantapur-Inaruwa 400 kV transmission Line	Ongoing
	Upper Arun Hydropower Project+ Ikhwa Khola HEP-Project preparation	Ongoing
IDA&IFC	Kabeli A (37 MW), under implementation by Kabeli Energy Limited	Ongoing
IFC	Andhi Khola Hydropower Project	Ongoing
	UT1 Hydropower Project	Ongoing (Financing Agreement signed)
	Demand & Supply study of the electricity sector	Ongoing
	Support to private developer for Physical Model test	Ongoing (soon to complete)
German Development Cooperation - KfW	Support to operation and maintenance of Middle Marsyangdi hydropower project	Ongoing, near completion
DFID	Private Sector Support: Support to establish Dolma Himalayan Climate fund for investment in renewable energy, mobilizing financing to energy projects from Infracore, Guaranco, CDC investments.	Ongoing
	Accelerating Infrastructure and Investment in Nepal (AIIN)- Three components Accelerating Public and Private Investment in Infrastructure in Nepal (APPIIC), Economic Policy Incubator (EPI) and Finance Sector Stability Programme (FSSP)- Support to IBN in project identification, implementation, accelerating projects with support in removing bottlenecks in energy sector, support in	Ongoing



Agencies	Engagement	Status
	formulation of forest clearance guidelines, support in formulation of Hedging guidelines for FDI in energy sector, support for implementation of World Bank Energy sector DPC- support NEA on institutional strengthening.	
	Support to office of IBN on (a) mega hydro PPPs: Arun 3 (900MW), Upper Karnali (900 MW), West Seti (750MW), Upper Marshyangdi (600 MW) and (b) solar parks.	Ongoing
	Funding of InfraCo Asia, joint venture partners for Kabeli A (37 MW) and GuarantCo, provider of credit guarantees for Lower Solu (82 MW)	Ongoing
	Funding of Commonwealth Development Corporation: lending to Upper Trishuli 1 (216 MW) and Upper Karnali (900 MW).	Planned
USAID	Support to IBN and DoED on management of priority large hydropower projects	On-going
EIB+ European Union+ WB	Upper Arun Hydropower Project	Planned
b. Transmission		
ADB	Project Preparatory TA grant to Government of Nepal for preparation of- Butwal-Attariya 400 kV Transmission Line	Ongoing
	Project Preparatory Technical Assistance for preparation of Power Transmission and Distribution Supply Strengthening Project (\$200 million from ADB)	Ongoing
	Project Preparatory TA grant to Government of Nepal for preparation of <ul style="list-style-type: none"> 400 kV Double Circuit Tingla Hub - New Khimti - Sunkoshi Hub - Dhalkebar 400kV Transmission Line and associated substations 400 kV Budhigandaki Corridor Dailekh-Kalikot-Jumla 132 kV Transmission Line and associated substations Damauli - Kusma-Burtibang-Bafikot 400 kV transmission line and associated substations 	Planned
	Dumre-Damauli 132 kV TL Project	Ongoing
	Khimti Barhabise 400/220 kV TL; Barhabise Kathmandu 400/220 kV TL (New TL Construction)	Ongoing
	Construction of 220 kV S/S at Barhabise; Construction of 220 kV S/S at Lapsiphedi; Construction of 132 kV S/S at Changunarayan (New S/S construction)	Ongoing
	Expansion of 220 kV S/S at Khimti (Expansion/Augmentation of existing substation)	Ongoing
	Construction of Dana Kusma 220 kV Line; Kusma-New Butwal 220 kV Line; Construction of 220/132 kV S/S at New Butwal; Marsyangdi-Kathmandu 220 kV Line; Construction of 220 kV S/S at Markichowk (Expansion/Augmentation of existing substation); Construction of 220 kV S/S at Matatirtha (Expansion/Augmentation of existing substation); Construction of Manang-Bharatpur 220 kV Line; Construction of New Butwal-Bardaghat 220 kV TL; Construction of Damauli-Bharatpur 220 kV TL; Construction of Trisuli Samudratara TL	Ongoing
ADB+ Government of Norway	Kohalpur-Mahendranagar 132 kV second circuit stringing 185 km transmission line and associated substations; New Khimti-Barhabise 400 kV transmission line; Marsyangdi (Markichowk)-Kathmandu (Matatirtha) 220 kV transmission line and associated substation	Ongoing
	Project supervision support for Implementation of SASEC Power System Expansion Project	Ongoing



Agencies	Engagement	Status
World Bank	Upgradation of three transmission line substations to 400kV	Planned
	Bharatpur-Bardaghat (220 kV double circuit, 75 km)	Ongoing
	Hetauda-Bharatpur (220 kV single circuit, 75 km)	Ongoing
	Hetauda-Dhalkebar-Inaruwa (400 kV double circuit, 285 km)	Ongoing
MCC	400 KV double circuit transmission lines: New Damauli-Ratmate, 88 km; New Butwal-New Damauli, 84 km; Ratmate-Lapsipedi, 58km; Ratmate-New Hetauda, 56 km; and New Butwal-India Border, 23 km.	Planned
	Three substations at Ratmate, New Damauli, and New Butwal	Planned
German Development Cooperation - KfW	Construction of 220 KV double circuit transmission line between Chilime and Trishuli with hub substations at two ends	Ongoing
	Construction of 220 KV double circuit transmission line between Lekhnath and Damauli with hub substations at two ends	Ongoing
EIB	Construction of Samundratar-Trishuli 3B hub transmission line and substation under the Power System Expansion Project.	Ongoing
	Marsyangdi Corridor-Markichowk-Bharatpur 220 kV transmission line	Ongoing
EIB+ European Union	Construction of transmission lines, including two substations, the upgrade of a dispatch center and a rural electrification component (transmission + 2 substations) under the grid development program.	Ongoing
c. Distribution		
World Bank	Distribution sector modernization plan	Planned
	Distribution loss reduction project under the Grid Solar project	Ongoing
	Distribution system digital transformation and expansion project	Planned
ADB	Project Preparatory Technical Assistance for preparation of Power Transmission and Distribution Supply Strengthening Project (\$200 million from ADB)	Ongoing
	Distribution system expansion and augmentation in various locations under SASEC Power System Expansion Project	Ongoing
	Distribution system expansion and augmentation in various locations under Electricity Transmission and Supply Improvement Project;	Ongoing
ADB+ Government of Norway	Preparation of Distribution System/Rural Electrification Master Plan for all provinces in Nepal	Ongoing
	Energy access and improvement of distribution network in province 2	Planned
EIB+EU+AIIB	Nepal Distribution System upgrade and Expansion	Planned
German Development Cooperation-GIZ	Energy efficiency and loss reduction in distribution system	Ongoing
	Energy efficiency and loss reduction in sub-national distribution systems	Planned
German Development Cooperation - KfW	Distribution system reconstruction, upgrading, and extending in Rasuwa and Nuwakot districts. Post-earthquake support	Ongoing
d. Technical Assistance		
World Bank	Poverty and Social Impact Assessment (PSIA) study for DPC1	Recently Completed
	Hydropower vocational training	Planned
	Himalayan aquatic biodiversity study	Planned
	Support to DoED on cumulative impact assessment for the Tamor River Basin and related capacity building	Ongoing
	Technical Assistance to Mini-grid Sector, ESCOs, and PBs and Project Management Support	Ongoing
	Technical Assistance-Scaling up the Renewable Energy Program in low-income countries (extended biogas)	Ongoing



Agencies	Engagement	Status
	Project Preparation-UAHEP	Ongoing
DFID+ World Bank	Support to NEA in developing a foreign exchange risk hedging mechanism for U.S. dollar-denominated PPAs	Ongoing
DFID	Support to improve the efficiency and effectiveness of forest clearance and replacement for infrastructure projects including energy.	Ongoing
	Project Acceleration Unit in Ministry of Energy to help troubleshoot problems facing generation and transmission projects.	Ongoing
	Support to NEA in developing a foreign exchange risk hedging mechanism for U.S. dollar-denominated PPAs	Ongoing
	Support to establishment of Dolma Himalayan Climate Fund that will promote private equity investment in renewable energy projects in Nepal	Ongoing
MCC	TA support to strengthen the transmission business at NEA including: <ul style="list-style-type: none"> - Introduction of an asset management model to strengthen policies and processes related to development, operations and maintenance of the transmission network - Technical capacity building to support skills for network development including development of specifications, project management, contracting, environmental & social consultation and ROW acquisition, etc. - Technical capacity building and support to strengthen maintenance planning & execution, including for EHV network elements now being developed and using new technologies - Technical capacity building and support to strengthen system operations including scheduling, dispatch and settlement processes, load-shedding management, and remote fault detection - Capacity building for improved financial management 	Planned
ADB	Project preparation; Dudh-Koshi Storage Hydro Power Project (635 MW)	Ongoing
	TA to support NEA to respond to regulatory requirement. Key supports areas <ul style="list-style-type: none"> • Distribution Tariff • PPA and generation tariff • Transmission Tariff (Wheeling Charges) • Technical Codes • Grievances Procedures • Reporting Systems 	Ongoing
	Feasibility Study and DED of Butwal-Kohalpur-Attariya 400 kV TL	Ongoing
	Project Preparatory TA grant to Government of Nepal for preparation of <ul style="list-style-type: none"> • Dudh-Koshi Storage Hydro Power Project (635 MW) • Lower Tanahun Hydro Power Project (100 MW) 	Ongoing
	TA to support the ERC- Depending upon the engagement of other DPs and gap identified, support to the ERC will be extended	Planned
	Regional TA on South Asia Sub-regional Economic Cooperation <ul style="list-style-type: none"> • Electricity Market Study in neighboring countries- Focusing on marketing electricity generation from Dudh-Koshi Storage Hydropower Project. • Preparation of information memorandum and analysis of financing options of Dudh-Koshi Hydropower Project • Preparation of Nepal's cross border power trading guidelines • Preparation of MOU for South Asia Sub regional Economic Cooperation (SASEC) Regional Power Trade Framework Agreement 	Ongoing



Agencies	Engagement	Status
	Deploying Solar Systems at Scale <ul style="list-style-type: none"> Support in identification of Solar project pipeline and its development Exploration and development of financing instruments for solar deployment and scaling up Knowledge sharing and capacity building on solar energy 	Ongoing
	Promoting and Scaling Up Solar Photovoltaic Power through Knowledge Management and Pilot Testing in Bangladesh and Nepal	Ongoing
ADB+ Government of Norway	Capacity development of NEA staff in new technology and utility management.	Ongoing
Norway + (ICIMOD/NVE)	Supporting the study of impact of climate change on hydropower projects	Ongoing
Government of Norway	Energize Nepal Program (agreement with Kathmandu University) Enhancing research capacity in renewable energy (includes supporting turbine testing lab and Hydro-lab among others)	Ongoing
	Khimti rural electric cooperative (KREC) Sustainability Project- Supporting the local electric cooperative to be connected to national grid and integrate its two isolated micro-hydro.	Ongoing
	TA support in implementation of GESI action plan in NEA and some of its distribution projects TA support to NEA related to supervision, maintenance and safety in distribution system TA support to NEA regarding response to ERC related matters	Planned
	Core support to ICIMOD and program-based support to Climate change adaptation and resilience and River Basin and Cryosphere projects	Ongoing
IFC (Governments of Norway, Australia, Japan)	Increase the share of new private sector investments that adhere to good international industry practices of environmental and social standards. Development implement the Trishuli River Basin Cumulative Impact Assessment; roll out capacity building for government and private sector on the Manual for Environmental Impact Assessment for HPPs with MOFE in collaboration with ICIMOD/NVE; technical capacity; Powered by Women; partnership with IPPAN.	Ongoing
Global Green Growth Institute	Electric Mobility Program <ul style="list-style-type: none"> Building government policy, planning and capacity for electric mobility at all levels. Supporting transport operators to procure and deploy electric vehicles and operate their fleets. Fostering the development of Nepal's electric mobility ecosystem. 	Ongoing
USAID	Nepal Hydropower Development Project (NHDP), USD 10 Million, July 2015 – June 2020. NHDP provides technical assistance to the Government of Nepal (GoN), the Ministry of Energy, Water Resources and Irrigation (MoEWRI), and the Office of the Investment Board of Nepal (OIBN), capacity building training to the Department of Electricity Development (DoED) and the Nepal Electricity Authority (NEA).	Ongoing
(iii) Establishing legislative and regulatory framework		
World Bank	Strategic communications to energy sector reform	Ongoing
	Performance improvement plan and institutional restructuring roadmap for NEA	Ongoing
	Support to operationalization of Electricity Regulatory Commission	Ongoing
	Support to the preparation of the Electricity Bill	Ongoing



Agencies	Engagement	Status
	Right of way guidelines	Ongoing
ADB	TA to support the ERC- Depending upon the engagement of other DPs and gap identified, support to the ERC will be extended	Planned
	Preparation of GESI strategy and guidelines for NEA and train NEA staffs in its application	Ongoing
	Preparation of social safeguard procedures and manual and train NEA staffs in its application	Ongoing
IFC (Governments of Norway, Japan and Australia)	Improving regulatory framework in hydropower sector that promote adherence to good international practices on E&S standards	Ongoing
USAID	NHDP also provides significant support to the newly constituted Electricity Regulatory Commission of Nepal (ERC).	Ongoing
German Development Cooperation-GIZ	TA in preparation of the National Energy Efficiency Strategy	Recently completed
	TA in preparation of the National Energy Efficiency Action Plan	Ongoing
	TA in preparation of the Energy Efficiency and Conservation Bill	Ongoing
	Integrated sub-national energy planning	Planned
	Promotion of energy management plans	Ongoing
UNDP	Guidelines for development of Utility Scale Solar PV systems (w/DoED, NEA, MOEWRI and AEPC)	Recently Completed
Millennium Challenge Cooperation	Analysis of options and requirements to operationalize the ERC including priority areas, staffing requirements, and budget requirements; risks and opportunities to NEA from new regulatory framework and assessment of NEA preparedness	Recently completed
	Up to \$12.3 million in support available to support organizational development and substantive regulation including: <ul style="list-style-type: none"> - Up to 4 long-term embedded advisors at ERC providing training, guidance/mentoring, direct technical analysis, and preparation of regulatory documents. Support with regular regulatory activities such as PPA reviews, IPO and share issuances, reporting from power sector licensees - Develop comprehensive tariff methodology and guidelines for submission and review of rate-case filings; technical assistance to support review of rate-case filing. - Develop updated grid code to align to new technical and operational issues in the power sector. - Develop standards/benchmarks and reporting requirements for regulated entities operational performance and service quality; develop monitoring and enforcement regime. - Establish and implement social equity policy to ensure effective recognition and treatment of inequalities in electricity access. - Develop and implement public engagement and consultation strategy. - Conduct analysis and planning on issues including introducing open-access and market rules for evolving market structure; least-cost planning requirements and integration with PPA review process; development of rules on power trade; introduction of performance-based regulation. - Logistical support for ERC start-up including basic administrative assets and software (e.g., regulatory info management system) 	Planned
(iv) Implementing power sector market reform		
ADB	Regional TA on South Asia Sub-regional Economic Cooperation	Ongoing



Agencies	Engagement	Status
	<ul style="list-style-type: none"> Electricity Market Study in neighboring countries- Focusing on marketing electricity generation from Dudh-Koshi Storage Hydropower Project. Preparation of information memorandum and analysis of financing options of Dudh-Koshi Hydropower Project Preparation of Nepal's cross border power trading guidelines Preparation of MOU for South Asia Sub regional Economic Cooperation (SASEC) Regional Power Trade Framework Agreement 	
DFID	DFID regional programmer supporting for regional energy trade and enhance connectivity through world bank programmes.	Ongoing
World Bank	Support for operationalization of the PTC	Ongoing
	River basin planning and sustainable hydropower development in a regional context	Ongoing
	Development Policy Lending for the energy sector	Ongoing
	Prepared the road map for power market reforms	Ongoing
USAID	South Asia Regional Initiatives for Energy Integration (SARI/EI): A south Asia Regional Energy program focusing on regional trade of electricity.	Ongoing
MCC	TA support to (a) strengthen NEA's capacity in reducing transmission/distribution losses, in cross-border power trade ability, compliance with newly established ERC, transmission asset operations, and management; and (b) ERC in establishing/rolling out of an independent electricity sector regulator (the 'ERC') and its operationalization	Planned
(v) Achieving universal access to electricity and clean cooking		
ADB	Deploying Solar Systems at Scale <ul style="list-style-type: none"> Support in identification of Solar project pipeline and its development Exploration and development of financing instruments for solar deployment and scaling up Knowledge sharing and capacity building on solar energy 	Ongoing
	Promoting and Scaling Up Solar Photovoltaic Power through Knowledge Management and Pilot Testing in Bangladesh and Nepal <ul style="list-style-type: none"> The request for proposal was developed with the support from an international consultant. The capacity of NEA in utility-scale SPV power systems in project implementation is developed. During the RFP preparation, technology screening, financing schemes, and tariffs related to utility-scale SPV systems are developed. TA supported Nepal in promotion of grid connected solar projects and assisting them in exploring various new business models 	Ongoing
	<ul style="list-style-type: none"> Demonstration of Productive use of clean energy technologies and services by poor and vulnerable households in distribution sub sector 	Ongoing
World Bank	Scaling up the Renewable Energy Program in low-income countries (extended biogas)	Ongoing
	Renewable Energy Resource Mapping Project (Wind and solar)	Ongoing
	Business Models for off-grid energy access (SREP)	Ongoing
	Poverty and social impact assessment of tariff reforms	Ongoing
	Hydropower and solar/wind complementarity study	Planned
	Hydropower benefit sharing including clean cooking	Planned
	Establishment of provincial energy offices (provinces 1 and 7)	Recently Completed



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German Development Cooperation - GIZ	Promotion of private investments in renewable energy technologies	Ongoing
	Access to electricity through rural grid extension / densification and MHD support	Ongoing
	Promotion of clean cooking systems	Ongoing
	CD to selected provinces and municipalities in the planning, promotion, and implementation of renewable energy and energy efficiency interventions	Planned
	Promotion of grid-integrated and grid ready rural/semi-urban solar PV applications (mini grids, semi-urban rooftops, irrigation pumps)	Planned
German Development Cooperation - KfW	Support through AEPC for the promotion of photovoltaic- based drinking water supply system off-grid areas.	Ongoing
	Support AEPC for the promotion of institutional photovoltaic applications (water supply, health facilities education) in off-grid areas	Ongoing
	Rural electrification (Neighborhood Electrification Component NEC) in the transmission line project vicinity in Nuwakot district	Ongoing
	Support for the promotion of household biogas technology through Biogas credit fund	Ongoing
	Promotion of solar PV for industrial roof-top, irrigation, mini-grid and ground mounted solar farms	Under preparation. Commitment made
UNDP	Methodology for preparation of Municipal Energy Plan (MEP) prepared and helped 23 municipalities to prepare their MEPs (7 RERL & 16 RERA/GIZ fund)	Recently completed
	Capacity Building for Sustainable Energy For ALL (SE4ALL), a policy initiative to support national energy planning based on three broad goals of UN SE4ALL initiative: a) access to energy services, b) increase energy mix and c) increase energy efficiency <ul style="list-style-type: none"> • Stock taking and gap analysis in energy sector • Action Agenda for energy sector Building capacity of the government in energy sector planning across the three SE4ALL goals	Recently completed
	Proposal submitted to South South Cooperation Fund, China for development of solar PV projects in the mountainous region for economic empowerment of women	Planned
DFID	NRREP – provided financial assistance for NRREP operated as single programme modality	Recently completed
	Support to the AEPC in formulation and implementation of National Renewable Energy Framework (NREF)	Ongoing
	Strengthen capacity of and providing funding through the Central Renewable Energy Fund to enable and manage climate funds	Planned
	Rehabilitation and distribution of renewable energy systems during earthquake-support provide through AEPC.	Recently completed
	Nepal Renewable Energy Programme (NREP) [2019-2023] Support MOEWRI and AEPC on decentralized energy generation, capacity development of AEPC and CREF, Launching of Renewable Energy Challenge Fund (RECF) for private sector to drive market led mechanism, support provincial and local government in energy planning, identification and implementation, policy supports.	Ongoing
Government of Norway	Clean cooking stoves project with the Global Alliance for Clean Cookstoves, International Centre for Integrated Mountain Development, and World Health Organization. World Health Organization is developing models for cities working to improve air quality.	Ongoing



Agencies	Engagement	Status
	Khimti rural electric cooperative- Supporting the local electric cooperative to be connected to national grid and integrate its two isolated micro-hydro.	Ongoing
USAID	Under Asia Enhancing Development and Growth through Energy (EDGE), USAID Nepal and USAID India are designing two separate energy programs, one is a bilateral energy program, to be managed by USAID Nepal and another a regional program to be managed by USAID India. The bilateral will build on NHDP, and the regional program will build on SARI/EI. Total value for both are TBD. Complementing each other, the bilateral and regional USAID support under the Asia EDGE initiative will support four key areas. (1) Regional Energy Trade and Integration (2) Increased Deployment of Advanced Energy Systems, (3) Utility Modernization (4) Transparent, Best Value Procurement practices. Details are still under discussion.	Planned
(vi) Energy efficiency		
ADB	TA 9266:REG- Improving Institutional Capacity on Preparing Energy Efficiency Investments	Ongoing
German Development Cooperation - KfW	Investment support for the Nepalese industries for switching to energy efficient measures	Ongoing
German Development Cooperation - GIZ	Technical support to energy efficiency and loss reduction in distribution system	Ongoing
	National Energy Efficiency Strategy	Recently completed
	Institutionalization of energy efficiency in GoN system	Ongoing
	Energy efficiency and loss reduction in distribution system	Ongoing
	Energy efficiency and loss reduction in sub-national distribution systems	Planned
	TA in preparation of the National Energy Efficiency Strategy	Recently completed
	TA in preparation of the National Energy Efficiency Action Plan	Ongoing
	TA in preparation of the Energy Efficiency and Conservation Bill	Ongoing
	Integration of energy efficiency into higher education and vocational training	Ongoing
	Integration of energy efficiency into higher education and vocational training	Ongoing
	Private sector development for energy efficiency services (audits, energy management system, and so on)	Ongoing